

CLAIMS

I claim

1. Existing folding lightweight mini scooter presently which there are over 25 separate brands on the market as of the summer of 2001. This retrofit kit can be used on most all the brands. The invention is presented on the "Razor" style lightweight collapsible type scooter. This retrofit kit will provide far greater enjoyment and versatility for the owners and a much broader range of uses.
2. The retrofit kit in Claim 1, can be installed with minimum skill and equipment.
3. The kit in Claim 2 will include motor bracket, NiCad batteries, mini electric motor, wiring, rotating contact shoe to allow handle bar movement. All wiring and relays, battery tray and charging system.
4. The retrofit kit in Claim 3 when install the rider will engage motor contact with positive lock mechanism by thumb screw, butterfly lever or cam lock, which will direct force from a small pinion on motor to rear wheel. Rider will push start button or transmitter button; push scooter with foot and motor will pick up current from relay and be propelled forward. When battery is exhausted rider will recharge with provided charger.